

A stack of white papers or documents, slightly fanned out, set against a light blue background.A blurred, circular image of a clock face, appearing as a soft, out-of-focus background element in shades of blue and white.

Math Science Partnerships Grant Informational Meeting





Program

Purpose

- Improve mathematics teaching at the elementary level
- Create a cadre of leaders in elementary mathematics
- Enhance and stimulate the mathematics content background of elementary teachers
- Make connections across disciplines and schools of education



Program

Purpose

- Utilize the research on effective professional development
- Develop a model that can be replicated within the state
- Improve instruction through greater use of technology, lesson studies, and use of data



Partnerships

■ Must Include

- Engineering, Mathematics or Science departments from higher education
- A high-need local educational agency
- If present at the institution of higher education, the content teacher training department



Partnerships

- May also include (highly encouraged)
 - Other engineering, mathematics, or science departments
 - Additional local educational agencies
 - RPDC
 - Businesses
 - Non-profit or For-profit that has demonstrated effectiveness in improving math and science instruction



Use of Funds

- Content-focused academies
- On-going professional development
- Training that enhances content understanding for grades being taught
- Uses standards-based curricula based on scientific research
- Create exemplary lessons that can be shared around the state
- Provide in-class mentoring and coaching

Duration of Grant

- Assuming continued funding, the grant will be awarded for a period of three years





DESE Collaborations

- Work closely with DESE content consultants to coordinate activities with grade-level expectations, state assessments, and model curriculum
- Present findings at state conferences
- Jointly develop evaluation and accountability plan